

Result No.	Score	Query	Match	Length	DB	ID	Description
1	50	5.5	1248	4	US-09-134-001C-1120	Sequence 1120, Appl	Sequence 1120, Ap
2	49.4	3.5	740	4	US-09-451-117-1	Sequence 1, Appl	Sequence 1, Appl
3	49.2	3.5	5319	1	US-08-169-927-1	Sequence 1, Appl	Sequence 1, Appl
C 4	45.8	3.2	3489	2	US-08-728-323A-1	Sequence 1, Appl	Sequence 1, Appl
C 5	45.8	3.2	3489	4	US-09-298-568-1	Sequence 1, Appl	Sequence 1, Appl
6	45.8	3.2	11091	4	US-09-134-001C-243	Sequence 2243, Appl	Sequence 2243, Ap
7	45.8	3.2	32207	2	US-08-770-379-20	Sequence 20, Appl	Sequence 20, Appl
8	45.8	3.2	32207	4	US-08-757-669A-20	Sequence 20, Appl	Sequence 20, Appl
9	45.8	3.2	32207	4	US-09-230-71A-20	Sequence 20, Appl	Sequence 20, Appl
10	43.4	3.1	2129	4	US-08-975-762-39	Sequence 39, Appl	Sequence 39, Appl
11	43.4	3.1	2129	4	US-09-295-028-39	Sequence 39, Appl	Sequence 39, Appl
12	43.4	3.1	2129	4	US-09-106-582-39	Sequence 39, Appl	Sequence 39, Appl
13	42.6	3.0	1390	4	US-09-210-168-1	Sequence 1, Appl	Sequence 1, Appl
14	42.6	3.0	1422	2	US-08-700-670A-22	Sequence 22, Appl	Sequence 22, Appl
15	42.6	3.0	7904	1	US-08-316-339B-1	Sequence 1, Appl	Sequence 1, Appl
16	42.6	3.0	7904	1	US-08-316-239B-2	Sequence 2, Appl	Sequence 2, Appl
17	42.6	3.0	7904	1	US-08-410-005-1	Sequence 1, Appl	Sequence 1, Appl
18	42.6	3.0	7904	3	US-08-929-140-1	Sequence 1, Appl	Sequence 1, Appl
19	42.6	3.0	7904	4	US-09-560-579A-1	Sequence 1, Appl	Sequence 1, Appl
20	41.8	3.0	3168	4	US-09-165-239A-3	Sequence 3, Appl	Sequence 3, Appl
C 21	41.8	3.0	3993	4	US-09-066-046-5	Sequence 5, Appl	Sequence 5, Appl
C 22	41	2.9	543	6	5273901-6	Patent No. 5273901	Patent No. 5273901
23	41	2.9	1278	4	US-09-134-001C-58	Sequence 58, Appl	Sequence 58, Appl
24	40.8	2.9	795	1	US-07-958-251-1	Sequence 1, Appl	Sequence 1, Appl
25	40.8	2.9	795	1	US-08-129-610-6	Sequence 6, Appl	Sequence 6, Appl
26	40.8	2.9	795	1	US-08-129-609A-6	Sequence 6, Appl	Sequence 6, Appl
27	40.8	2.9	795	1	US-08-455-313-6	Sequence 6, Appl	Sequence 6, Appl

ALIGNMENTS							
RESULT 1							
US-09-134-001C-1120							
; Sequence 1120, Application US/09134001C							
; Patent No. 6380370							
; GENERAL INFORMATION:							
; APPLICANT: Lynn Doucette-Stamm et al							
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCC							
; TITLE OF INVENTION: EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS							
; FILE REFERENCE: GTC-007							
; CURRENT APPLICATION NUMBER: US/09/134-001C							
; CURRENT FILING DATE: 1998-08-13							
; PRIOR APPLICATION NUMBER: US 60/064, 964							
; PRIOR FILING DATE: 1997-11-08							
; PRIOR APPLICATION NUMBER: US 60/055, 779							
; PRIOR FILING DATE: 1997-08-14							
; NUMBER OF SEQ ID NOS: 5674							
; SEQ ID NO 1120							
; LENGTH: 1248							
; TYPE: DNA							
; ORGANISM: Staphylococcus epidermidis							
; US-09-134-001C-1120							
; Query Match 3.5%; Score 50; Best Local Similarity 42.8%; Pred. No. 0.004; Length 1248;							
;保守 254; Mismatches 340; Indels 0; Gaps 0;							
Qy 247 GCTACTGCTAAATTAGTCACATAATGTAAGCTTAAATGCCCTGCTGTCACGCCATTGCAATGTCGA 306							
Db 433 GCTACTGGCTAAAGTTCTATTGATTTAGGTAGGCCAAAGGGCCCAATGGTCTACGTAAAC 492							
Qy 307 GTGGGACACAGATTATGAGCAAAATACAGAGTGTGTTAAATTGTAAGATTAAATTTT 366							
Db 493 GCTTGCGCTACGGGGACTAAATCCTAATGGTGGAGGCATTAAATATTCAACGTGTTGAT 552							
Qy 367 TATAATGAAATGCTICAATTTTAATGCCAGGTACATGCTACATGCCATTGCTGCTAAATGTAAC 426							
.. Db 553 GCAGATGCTAGCTGGTACATGTTGAGCAAGGGCATTAAATGCAATGCGAGGG 612							
Qy 427 AACAGATGTTGGTGGGNGCATGACTGCTGGTAAATGCCATTGCTGCTAAATGTAAC 486							
Db 613 TTAGTGGCAAGTGGCTCAATCTACAAACAAATGCTCAATGCTGCAATTGTCGACCACTTC 672							
Qy 487 GTCGGATGTCCTACTGTTGACTGCTGACTGTTGATGATGTTGAACTGTTGATGTTGATGTC 546							
Db 673 CAAGAAGGGCGGTGATGGCTGTTGATGGTGAAGGGCGANGTTGATGTTGATGTC 732							
Qy 547 TTACAGAAATGCTGTTAAATGACTTAATGCTTAATGGCTAAATGGCTAAATGCTAAATCT 606							
Db 733 TTAGTGGCTAAGAGAAGGGCGCTGAAATTTACGCTGTTGAGTTGAGTTGGTCC 792							

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 100%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA:*

1: /cgn2_6/Ptodata/1/lna/5A_COMB.seq;*

2: /cgn2_6/Ptodata/1/lna/5B_COMB.seq;*

3: /cgn2_6/Ptodata/1/lna/6A_COMB.seq;*

4: /cgn2_6/Ptodata/1/lna/6B_COMB.seq;*

5: /cgn2_6/Ptodata/1/lna/PCRTUS.COMB.seq;*

6: /cgn2_6/Ptodata/1/lna/backfile1.seq;*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Query Match Length DB ID Description

RESULTS 3
Sequence 1, Application US/09451117-1
Patent No. 6277973
GENERAL INFORMATION:
APPLICANT: Trout, James
APPLICANT: Fayer, Ronald
APPLICANT: Jenkins, Mark C.
TITLE OF INVENTION: Cloning and Expression of a DNA Sequence Encoding A 41
Patent No. 6277973
TITLE OF INVENTION: KDa Cryptosporidium parvum Oocyst Wall Protein
CURRENT APPLICATION NUMBER: US/09/451,117
FILE REFERENCE: 0046_99
CURRENT FILING DATE: 1999-11-30
NUMBER OF SEQ ID NOS: 4
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
LENGTH: 740
TYPE: DNA
ORGANISM: Cryptosporidium parvum
S-09-451-117-1

Query Match 3.5%; Score 49.4%; DB 4; Length 740;
Best Local Similarity 46.2%; Pred. No. 0.0056;
Matches 164; Conservative 0; Mismatches 191; Indels 0; Gaps 0;

621 TAAAGTTAATGCAACACCTGTCCGGCAATTAAACCTGCTTAATGTTGCTTAAGGCTATT 680
369 TACTACTCAATCAATGGAAAGTTACGATACTAAATTGGTAATATGAGTGGTTATTAC 428

681 AGGTAATGATGCTACAATAACCGATAAAGTAACGTTGATGCCCTGATGGTACTATAAG 740
429 ATCATGTTGATCTATAGCTGTACTAAACTAAACTTAATGGTATAATAATAG 488

741 TGCCTGGGAAATAATGGTAGCACAAACACTGAATGTTACTAATGTCGTCCTAA 800
489 TAATGGATCAGGAAATTTACCACTGTTGTTCTACAGTGTAA 548

801 CTTTACAATAATAATGCTCTAAATTCAATCCAGTAATAGTACATGCCCTACCGTGCCT 860
549 TAGTATGTTGCTGTCTTACTGCTATTGATCTCTATAATAATAGAAATAATCAA 608

861 AGCAAATAAANGATATGGTCTGAAGGCCATGCAAGTGGTGCCTGACTTAGCCAAATA 920
609 TAATATAATAATAATAATAGTAACTAACCTACTACTAATGCTAAATGCTAAAT 668

921 ATGTTATGCTGCTATGGTACTGCAATGCTAGTGGGAACTAAATT 975
669 TACTACTAACTACTAACTACTACTACTAACTAAATAATAATAAT 723

APPLICANT: Carl, Mitchell E.
APPLICANT: Dobson, Michael E.
APPLICANT: Ching, Wei Mei
APPLICANT: Dusch, Gregory A.
TITLE OF INVENTION: Gene and Protein Applicable to the Preparation of Vaccines for Rickettsia prowazekii and Rickettsia typhi and the Detection of Both
NUMBER OF SEQUENCES: 2
TITLE OF INVENTION: Rickettsia typhi and the Detection of Both
CORRESPONDENCE ADDRESS:
ADDRESSEE: Counsel, Naval Medical R & D Command
STREET: Blagg, 1, T-12, 8901 Wisconsin Ave.
CITY: Bethesda
STATE: MD
COUNTRY: USA
ZIP: 20889-5606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/169,927
FILING DATE: 08/09/91
ATTORNEY/AGENT INFORMATION:
NAME: Spevack, A. David
REGISTRATION NUMBER: 24,743
TELECOMMUNICATION INFORMATION:
TELEPHONE: (301) 295-6759
TELEFAX: (301) 295-1042
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 5319 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE: Rickettsia prowazekii
STRAIN: Breinl
FEATURE:
NAME/KEY: -35_signal
LOCATION: 340..345
FEATURE:
NAME/KEY: -10_signal
LOCATION: 363..368
FEATURE:
NAME/KEY: CDS
LOCATION: 391..5226
FEATURE:
NAME/KEY: RBS
LOCATION: 379..386
FEATURE:
NAME/KEY: stem_loop
LOCATION: 5270..5306
PUBLICATION INFORMATION:
AUTHORS: Carl, M.
AUTHORS: Dobson, M. E.
AUTHORS: Ching, W. M.
AUTHORS: Dusch, G. A.
TITLE: Characterization of the gene encoding the protective S-layer protein of Rickettsia prowazekii
TITLE: presence of a truncated identical homolog in rickettsia typhi
JOURNAL: Proc. Natl. Acad. Sci. U.S.A.
DATE: 1990

US-08-169-927-1 ; RELEVANT RESIDUES IN SEQ ID NO: 1: FROM 1 TO 5319

; RELEVANT RESIDUES IN SEQ ID NO: 1: FROM 1 TO 5319
USS-08-169-927-1

NUMBER OF SEQUENCES: 21

PRIOR APPLICATION NUMBER: US 60/055,779
 PRIOR FILING DATE: 1997-08-14
 NUMBER OF SEQ ID NOS: 5674
 SEQ ID NO: 2243
 LENGTH: 11091
 TYPE: DNA
 ORGANISM: *Staphylococcus epidermidis*
 US-09-134-001C-2243

Query Match	3.28%	Score 45
Best Local Similarity	46.9%	Pred. No
Matches 143;	Conservative	0; Misma

QY	726	TGATGGTACTATAAGTGCTGGAGTAAATA
Db	3906	TGATGGTATGTGAGTGGAGCAAAAGCA
QY	786	TAATGTGCTCTTAACTTAACATAAATG
Db	3966	TAAGAAATGCTAAATGATATGATGATA
QY	846	ATGCCCTGCCCCAGCAATAAGATTATG
Db	4026	AGAGATAAAATGATGTACAGATGAGAAATTC
QY	906	TACTTAGCCAAATAATGTAATATGCTAGGCC
Db	4086	TAAGATTGAGCAAAAGATAATATCAACGCA
QY	966	AACTAATTATGTAATTATAACAGAAATGTC
Db	4146	GAAAACTAATGGATAAATAATAATGAAATA
QY	1026	TGGTA 1030
Db	4206	AGCTA 4210

RESULT 7
 US-09-770-379-20
 ; Sequence 20, Application US/08770379
 ; Patient No. 5849564
 ; GENERAL INFORMATION:
 ; APPLICANT: Chang, Yuan
 ; APPLICANT: Benzky, Roy A.
 ; APPLICANT: Russo, James J.
 ; APPLICANT: Edelman, Isidore S.
 ; APPLICANT: Moore, Patrick S.
 ; TITLE OF INVENTION: POLYPTIDES FROM
 ; TITLE OF INVENTION: HERPESVIRUS, DNA
 ; NUMBER OF SEQUENCES: 20
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Cooper & Dunham LLP
 ; STREET: 1185 Avenue of the Americas
 ; CITY: New York
 ; STATE: New York
 ; COUNTRY: U.S.A.
 ; ZIP: 10036
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentm Release #1.0, V
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/770,379
 ; FILING DATE:
 ; CLASSIFICATION: 435
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: White, John P.
 ; REGISTRATION NUMBER: 28 678
 ; REFERENCE/DOCKET NUMBER: 52342
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (212) 278-0400

; TITLE OF INVENTION: AND TREATMENT OF EHLICHIA INFECTION
 ; FILE REFERENCE: 21011.4.3IC4
 ; CURRENT APPLICATION NUMBER: US/09/295,028
 ; CURRENT FILING DATE: 1999-04-20
 ; NUMBER OF SEQ ID NOS: 85
 ; SOFTWARE: FastSEQ for Windows Version 3.0
 ; SEQ ID NO: 39
 ; LENGTH: 2129
 ; TYPE: DNA
 ; ORGANISM: Ehrlichia sp.
 ; US-09-295-028-39

Query Match 3.1%; Score 43.4; DB 4; Length 2129;
 Best Local Similarity 44.3%; Pred. No. 0.21; Gaps 2;
 Matches 277; Conservative 0; Mismatches 336; Indels 12; Gaps 2;

Qy 287 CTGGTGGTACGCCAATTGGAGGCAACAGATTATGCCAAATAATCAGAAATGTG 346
 Db 619 CTTCTTGCGCATACCACCATCGCTTCACAGATACTTCAGACTCAGACCTTCAG 678

Qy 347 TAAATTGAGAATAATTATAATGAAATTTAACCTCCAAATTAAATGAGGTGCTAGTA 406
 Db 679 TAACACAAAGAAACTGTGAGCTCAGGTGCTGGTGCAGAAACTTCAGGAGTGATTCTA 738

Qy 407 CATTGACAGCTTGTGGTAAACAGACTGGTGGTGGCATTTGACTGTGTTGATGGCTA 466
 Db 739 GTTGTGGCTCTGGACAACTTACCACTCTGTGAACTTAACTTCCTATGTGTTGA 798

Qy 467 CCATAGTCGGCATATTGTAATGCCATGGTCCACTGGTACAGCAGTGTGAGTAA 526
 Db 799 CAATCGGTTCTGGAGCPTCAACACCGTAATTCTGGTTACAGCTACTACAGGTACTTGTG 858

Qy 527 CTACTGATTATGTTAGATCATTCACAGAAATGTT--GTTAAATGAGCTAACTTTACT 583
 Db 859 CTACAGGGTGTCAAGATCTACAAAGTATCCCTTAAAGAAACTCTCGTTTCTCTC 918

Qy 584 ATATAGGTTATAATGGTAATTAATCCTTCATCCAGGTAATAGTAAAGTAAACCTTGTG 643
 Db 919 TTACTCTCAGGAGCTTCAGTCTCCCTCTAGTGTCTCTGCATTTCTGCTCTGTGAC 978

Qy 644 CGGCAATTAAACCTGCTTAATGTTGGCTTAAGGTACTTTAGGTAATGATGCTAACCG 703
 Db 979 CAGGATTACTCTCTTTGGCTACATCAGGATTAGCTTACAGACTCTACAGACTTAA 1038

Qy 704 CATAATGTAACGTGTCATGCCCTGTGTTGACTTAAAGTGGCTGGAGTAATAATGG 763
 Db 1039 GATCACCTTCAGCAACACCAAGAACCTGAGACTGTAACCTGGCTGGCGAGAAACTTCAG 1098

Qy 764 TAGCCACAAAACACTGAAATGTTACATGCTCCPAACTTTACATAATAATGCTCCA 823
 Db 1099 GAG-----CTGATTCAGTTGCGCTTCNGAGGAACCTACCACTCTGAAAGCT 1149

Qy 824 ATTTCATCCAGGTAAATAGTACATGCTCATTGCCAGAAATAAGGATTATGGTGTG 883
 Db 1150 TATTCTCTCTAGTGTGAACTACGCTTCTGCAGCTTCACACCGGTAAATCTGCTT 1209

Qy 884 AAGCCACTGGCAGGTGTGCCCTAC 908
 Db 1210 CAGCTRACTACAGGTACTTGGCTAC 1234

RESULT 12
 US-09-106-582-39
 ; Sequence 39, Application US/09106582
 ; Patent No. 6306402
 ; GENERAL INFORMATION:
 ; APPLICANT: Reed, Steven G.
 ; APPLICANT: Lodes, Michael J.
 ; APPLICANT: Houghton, Raymond
 ; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS AND
 ; NUMBER OF SEQUENCES: 73
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: SEED and BERRY LLP

THERAPY

; STREET: 6300 Columbia Center, 701 Fifth Avenue
 ; CITY: Seattle
 ; STATE: Washington
 ; COUNTRY: USA
 ; ZIP: 98104
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/106,582
 ; FILING DATE: 29-JUN-1998
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Maki, David J.
 ; REGISTRATION NUMBER: 31,392
 ; REFERENCE/DOCKET NUMBER: 21.0121.439C2
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 206-622-4900
 ; TELEFAX: 206-682-6031
 ; INFORMATION FOR SEQ ID NO: 39:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 2129 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; US-09-106-582-39

Query Match 3.1%; Score 43.4; DB 4; Length 2129;
 Best Local Similarity 44.3%; Pred. No. 0.21; Gaps 2;
 Matches 277; Conservative 0; Mismatches 336; Indels 12; Gaps 2;
 Qy 287 CTGGTGGTACGCCAATTGGAGGCAACAGATTATGCCAAATAATCAGAAATGTG 346
 Db 619 CTTCTTGCGCATACCACCATCGCTTCACAGATACTTCAGACTCAGACCTTCAG 678

Qy 527 CTACTGATTATGTTAGATCATTCACAGAAATGTT--GTTAAATGAGCTAACTTTACT 583
 Db 679 TAACACAAAGACTGAGCTCAGTGTGAGCTAACCGAAACTCTAGAGCTGATCTA 738

Qy 584 ATATAGGTTATAATGGTAATTAATCCTTCATCCAGGTAATAGTAAAGTAAACCTTGTG 643
 Db 739 GTTGTGGCTCTGGCTTCAGGAAACCTACCACTCTGTTCTACTGATGTTGAC 978

Qy 644 CGGCAATTAAACCTGCTTAATGTTGGCTTAAGGTACTTTAGGTAATGATGCTAACCG 703
 Db 799 CAATCGCCTCTGCACTCAACACCGSTAATCTGCTCAGCTACTACAGACTTAA 1038

Qy 704 CATAATGTAACGTGTCATGCCCTGTGTTGACTTAAAGTGGCTGGAGTAATAATGG 763
 Db 1039 GATCACCTTCAGCAACACCAAGAACCTGAGACTGTAACCTGGCTGGCGAGAAACTTCAG 1098

Qy 764 TAGCCACAAAACACTGAAATGTTACATGCTCCPAACTTTACATAATAATGCTCCA 823
 Db 1099 GAG-----CTGATTCAGTTGCGCTTCNGAGGAACCTACCACTCTGAAAGCT 1149

Qy 824 ATTTCATCCAGGTAAATAGTACATGCTCATTGCCAGAAATAAGGATTATGGTGTG 883
 Db 1150 TATTCTCTCTAGTGTGAACTACGCTTCTGCAGCTTCACACCGGTAAATCTGCTT 1209

Qy 884 AAGCCACTGGCAGGTGTGCCCTAC 908
 Db 1210 CAGCTRACTACAGGTACTTGGCTAC 1234

RESULT 12
 US-09-106-582-39
 ; Sequence 39, Application US/09106582
 ; Patent No. 6306402
 ; GENERAL INFORMATION:
 ; APPLICANT: Reed, Steven G.
 ; APPLICANT: Lodes, Michael J.
 ; APPLICANT: Houghton, Raymond
 ; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS AND
 ; NUMBER OF SEQUENCES: 73
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: SEED and BERRY LLP

THERAPY

; STREET: 6300 Columbia Center, 701 Fifth Avenue
 ; CITY: Seattle
 ; STATE: Washington
 ; COUNTRY: USA
 ; ZIP: 98104
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/106,582
 ; FILING DATE: 29-JUN-1998
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Maki, David J.
 ; REGISTRATION NUMBER: 31,392
 ; REFERENCE/DOCKET NUMBER: 21.0121.439C2
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 206-622-4900
 ; TELEFAX: 206-682-6031
 ; INFORMATION FOR SEQ ID NO: 39:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 2129 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA (genomic)
 ; US-09-106-582-39

RESULT 13
US-09-210-168-1
; Sequence 1, Application US/09210168
; Patent No. 6355424
; GENERAL INFORMATION:
; APPLICANT: Lorincz, Attila T.
; TITLE OF INVENTION: ASSESSMENT OF HUMAN PAPILLOMA VIRUS-RELATED DISEASE
; FILE REFERENCE: 26394005US2
; CURRENT APPLICATION NUMBER: US/09/210,168
; CURRENT FILING DATE: 1998-12-11
; PRIOR APPLICATION NUMBER: U.S. 60/082,167
; PRIOR FILING DATE: 1998-04-17
; PRIOR APPLICATION NUMBER: U.S. 60/070,486
; PRIOR FILING DATE: 1998-01-05
; PRIOR APPLICATION NUMBER: U.S. 60/069,426
; PRIOR FILING DATE: 1997-12-12
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 1
; LENGTH: 1390
; TYPE: DNA
; ORGANISM: Human papillomavirus
; FEATURE:
; OTHER INFORMATION: L2-HPV16
; US-09-210-168-1

Query Match 3.0% Score 42.6; DB 4; Length 1390;
Best Local Similarity 44.1%; Pred. No. 0.28; Indels 3; Gaps 1;
Matches 226; Conservative 0; Mismatches 284; Insertions 3; Gaps 1;

Qy 633 CACACCTGTCGGCANTAAACCTGCTTAAGCTACTTTAGGTAATGATGC 692
Db 834 CACUCCCACTAAACCTAACATGATAATCCTGATGAAAGGTAGGTGATAA 893

Qy 693 TACATAAACGCAATAATGTAACGTTGCTGCCGTGATGTAATGCTGGGAT 752
Db 894 TACATTATATTTCTAGATGATAATAGTAAATAGCTCCAGATCCGACTTT 953

Qy 753 AAATAATGGTAGCACAACACTGAATGTAATGCTTAAGTGTGCTCTAACTT--TACAA 809
Db 954 GGATATGTTGCTTACATGGCCGATTAACCTCTAGGCTACTGGCATTAAGGACAG 1013

Qy 810 TAATAATGCTCCTTAATTCATGGCCGTAATAGTGCCTACCTTGCCACAAATAA 869
Db 1014 TAGATGGTAATAAACACATACGTAATGCTTAATGGCTTAAGGT 1073

Qy 870 AGATTATGGCTGAAAGGCACTGGCTGGCTACTTTAGCCAAATAATGTAAT 929
Db 1074 ACATTATTATGTTAGTAACTTAACTTAACTCCGAGAAATAAGATAAAACTAT 1133

Qy 930 TGCATGCCATGATGGTACTCAATGCTAGTGCCAACTAAATTATGTAATTAATG 1193
Db 1134 AACACCTTCACATACATACCACTTCAATGCGCTAACCTACTTAAATAATG 989

Qy 990 AGAAATCTAAATATGGCTCAACTTTAGTGTGAAATAATTCTAGCAGGGAG 1049
Db 1194 ATTATATGATTTATGCAATGATGCTTAACTACGATACTCTAACACCGTACCATC 1253

Qy 1050 TAGTAGATGCCAAAGCATGTCAGCAAAATAAGTTAACGGCTGTAGCAACTGAGGG 1109
Db 1254 TGTACCCCTCACTTCACTTCACTTCACTTCACTTCACTTCACTTGGGG 1313

Qy 1110 TACTGCTACTTTAATGCAATGCTAACCTTGCCCTTGA 1142
Db 1314 TGGCATACAAATTCCCTTAATGATGCTTCACTGAGGG 1346

RESULT 14
US-08-700-670A-22
; Sequence 22, Application US/08700670A
; Patent No. 5993821
; GENERAL INFORMATION:
; APPLICANT: FRAZER, Ian
; TITLE OF INVENTION: MODIFIED PAPILLOMA VIRUS L2 PROTEIN AND
; TITLE OF INVENTION: VLPs FORMED THEREFROM
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Foley & Lardner
; STREET: 3000 K Street, N.W., Suite 500
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/700,670A
; FILING DATE: 30-JUL-1996
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/AU95/00043
; FILING DATE: 31-JAN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AU PM3588
; FILING DATE: 31-JAN-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Saxe, Bernard D.
; REGISTRATION NUMBER: 28,665
; REFERENCE/DOCKET NUMBER: 63064/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202)672-5300
; TELEFAX: (202)672-5399
; TELEX: 904136
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1422 base Pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1...1419
; US-08-700-670A-22

Query Match 3.0% Score 42.6; DB 2; Length 1422;
Best Local Similarity 44.1%; Pred. No. 0.28; Indels 3; Gaps 1;
Matches 226; Conservative 0; Mismatches 284; Insertions 3; Gaps 1;

Qy 633 CACACCTGTCGGCANTAAACCTGCTTAAGCTACTTTAGGTAATGCTGGAGT 692
Db 732 CACTCCCACTAAACTTACATGATAATGCTTAATCTGATATAAGGTAGTGGATAA 791

Qy 693 TACATAAACGCAATAATGTAACGTTGCTGCCGTGATGTAATGCTGGAGT 752
Db 792 TACATTATATTTCTAGTAATGATAATACTGTTATGATAATACTGTTATGCTGACTTT 851

Qy 753 AAATAATGGTAGCACAACACTGAATGTAATGCTTAAGTGTGCTCTAACTT--TACAA 809
Db 753 AAATAATGGTAGCACAACACTGAATGTAATGCTTAAGTGTGCTCTAACTT--TACAA 809

Qy 810 TAATAATGCTCCTTAATTCATGGCCGATTAACCTCTAGGCTACTGGCATTAAGGACAG 911
Db 852 GGATATAGTTGCTTAACTAGCCAGGATTAACTCTAGGCTACTGGCATTAAGGACAG 911

Qy 810 TAATAATGCTCCTTAATTCATGGCTACTGGCATTAAGGCTACTGGCATTAAGGACAG 911
Db 912 TAGATGGTAAATAAACACATACGACTGTTAGTGGAAATACTTATAGTGTCAAGGT 971

Qy 870 AGATTATGGCTGAAAGGCACTGGCTGGCTACTTTAGCCAAATAATGTAAT 929
Db 912 TAGATGGTAAATAAACACATACGACTGTTAGTGGAAATACTTATAGTGTCAAGGT 971

Qy 870 AGATTATGGCTGAAAGGCACTGGCTGGCTACTTTAGCCAAATAATGTAAT 929
Db 912 TAGATGGTAAATAAACACATACGACTGTTAGTGGAAATACTTATAGTGTCAAGGT 971

Qy 870 AGATTATGGCTGAAAGGCACTGGCTGGCTACTTTAGCCAAATAATGTAAT 929

RESULT 1.5-239B-1

Sequence 1, Application US/08316239B

Patent No. 5679509

GENERAL INFORMATION:

APPLICANT: Wheeler, Cosette M.

APPLICANT: Parmenter, Cheryl A.

TITLE OF INVENTION: Methods and a Diagnostic Aid for Distinguishing a Subset of HPV that is Associated with an Increased Risk of Developing Cervical Dysplasia and Cervical Cancer

NUMBER OF SEQUENCES: 4

CORRESPONDENCE ADDRESS:

ADDRESSEE: Jagtiani & Associates

STREET: 6126 Rocky Way Court

CITY: Centreville

STATE: VA

COUNTRY: USA

ZIP: 20120-3400

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/316,239B

FILING DATE: 30-SEP-1994

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Jagtiani, Ajay A.

REGISTRATION NUMBER: 35,205

REFERENCE/DOCKET NUMBER: UNME-0001

TELECOMMUNICATION INFORMATION:

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INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 7904 base pairs

TYPE: nucleic acid

STRANDEDNESS: double

TOPOLOGY: circular

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

US-08-316-239B-1

Query Match 3.0% Score 42.6; Db 1; Length 7904;
 Best Local Similarity 44.1%; Pred. No. 0.5;
 Matches 226; Conservative 0; Mismatches 284; Indels 3; Gaps 1;
 Qy 633 CACACCTTGTCGGCAATTAAACCTGGCTAATGTTGCTTAAGTACTTTAGGTATGATGATG 692
 Db 4966 CACTCCACAAACTATACATAGATACTGGATGAGTGGATA 5025
 Qy 693 TACAACTAACCGCATATGTAACGTTGCAAGCCCTGATGGTACTATAAGTCTGCTGGAGT 752

5026 TACATATATTCTAGTAAATAGTAAATAGCTCCAGATCTGACTTT 5085
 Qy 753 AAATAATGGGTAGCACAAAACACTGAATGACTAATGGCTTAACTTGTGTTAATGATG 809
 Db 5086 GGATATAGTTGGCTTACATGGCAGGTTAACCTTAGGGTACTGGCATAGGTACAG 5145
 Qy 810 TAATAATGCTCCCTAAATTCAATCCAGGTAATAGTACATGCCCTACCTGCCCAAGCAATAA 869
 Db 5146 TAGATTTGTAATAAACAAACACTGAGTGGAAATCTATGGTGTAGGT 5205
 Qy 870 AGATTATGGTGTGAAGCCACTGGAGGTGGTGGCTACTTTAGCCAAATAATGTAATAT 929
 Db 5206 ACATTAATTATGATTAAGTACTATTGATCTGCAGAAATAACAACTAT 5265
 Qy 930 TGCATGCCCTGATGGTACTGCAATTGGTGTAGTGAGCTTAATGTAATTTAAACAAAC 989
 Db 5266 AACACTCTACATACATACACATGCAGCTCACCTCTATTAATATGG 5325
 Qy 990 AGAAATGCTCAAATTGGTGTGCTAACATTGTTGATGTAATATTCTAGGCAGGAAG 1049
 Db 5326 ATTATATGATAATTATGGATGACTTTATACAGATACTACACCCGGTACCCATC 5385
 Qy 1050 TAGTAGATGCAAGCACTGCCAGAAATAAGTTAAGGCTGTAGCAACTGCGGTGG 1109
 Db 5386 TGACCCCTACATCTTATCAGTTATTCCTGCAAAATAACAACTTCCTTGTGTTGG 5445
 Qy 1110 TACTGCTACTTTAATGGATAATGTCGCCTTGA 1142
 Db 5446 TGCAATACATATTCCCTTAGTATCAGGTCCCTGA 5478

Search completed: February 16, 2003, 23:45:29
 Job time : 140.091 secs

